

Stethoscope for better pulse-taking

 $T_{
m of\ a\ delicate\ burnishing\ operation\ in\ our\ aero\ plant.}$

Those earphones give him the intensity and pitch of the burnishing-and tell him how much metal he's taking off. When you tie the stethoscope in with an electronic measuring device that's accurate to 5 millionths of an inch, as is done here, you're getting p etty well down to precision manufacturing

Why such care? First of all it helps us provide out customers with the finest automatic controls-controls that exceed rigid airborne specifications. Then, too, it makes possible volume production of extremely precise controls. Advanced industrial techniques such as this are impor-

tant in our production of a complete line of controls for everything that flies. We're continually working to develop more of them-for every phase of our operation-because automatic controls are so important to aviation's progress. And automatic control is Honeywell's business.

Höneywell

(Geronautical Controls

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An investige pregram of Turbs-Machinery development is under way at Hydro-Aire. As as a war-tene Task Force, the organisation has

must the very latest that can be obtained. In contrust, the rary thermolyes promide an accumulation Apply great protoces and modern plant facilities.

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Boeing B-52 to land on strongest high-speed tire yet developed

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Aviation Week

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ATION WEEK, Horse S, 78

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AVIATION WEEK, Much E. 1954

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The Aviation Week

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AF Shows New Supersonic Convair YF-102





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and Gall G. Tebbe has been appointed in

Honors and Elections

INDUSTRY OBSERVER

North American Acorbins's share will be about \$25 million, with the require iar 575 million soft between Blankes Algerit on the control systems.

* USAF and New are using an experimental 5,000 ft. landing style new the North Pole constructed of pucked some Originally hold by Nory Seabors landed by de-equipped C-FL; the ship now is handling transports

· Watch for Lockheed to efficient to brok the transcontinental west-out ment around with the T-73R set tendors. Although the T-73R is negative by Builtstions of the street, make it malkely it will best the second mark of *Conver a developme a long-trace ballete misule knows at the Affer

* Accest Industries Aven, and Air Trasport Aven, when to work closely number for temporal believestern. Placestone use of processing to power secret analyse votems is sud-

cated by Dongles me of a presumatic notice on its YC-1248 turbopersy Globeranter. The YC-1246 was recognitive for recogn starters, collecting

menth-about sight menths behind schedule. The sweeters is current with Supermone South F is, all of which will be unabled later to the F-4 configuration. Meanwhile, RAF is using F-56 Solven built by Coundain

Nellet Amount Corp. expects to began a flight test program soon on its C. IS Disloys, sales discrete of the Havil medenused sategles (Avietus Week Aug. 17, 1993, p. 420) to obtain

AVIATION WEEK

VOL 60, NO. 10 MARCH R 1956

House Restores Half of Airline Subsidy Cut

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Sonic Boom: A Potential Weapon? NAA study finds shock waves can knock lightplanes out of sir. batter around structures and create numic

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Boeing 707 Jet Transport Nears Rollout

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Less D. Caldebook, former chief of

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General Dynamics, Convair Vote Merser

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AVAITORN WEEK, March 8, 1954



BUSINESS IS SKY HIGH...



Sure size of the times today is the new come of American fivers - the businessmen who pilot their own or company planes. They are some placeswith speed, comfort and schedule-free convenience depending on the famous Esso Wines... your sym. bol for hundreds of Esso Dealer Airports, staffed with experienced operators offenny prompt service with high quality Esso Aviation fuels and

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Aircraft Noise

· Transport design is key to problem, PNYA says.

· need warms of need for better equipment. Les Auroko-Poner deiro et trans

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Civil Plane. Engine Shipments

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Fight Over Runways

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The Convolr 540 to a modern 64

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on page 45

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New U.S. and Foreign Planes on View





AERONAUTICAL ENGINEERING



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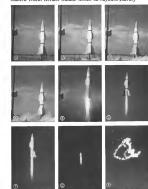
GE Reveals Hermes Missile Milestones Project itself is now in process of 'redirection of effort,' but company apokesmen say, 'We're in this business to stay,'

Sindy was branched from a country, following a potters similar to the A-1. * Project Propagal-Unite the disca Herner B. Anime for a consequent . Houses C-I desire for a three-store subside whose final step was a hypersonic Helden negth by accupits, matty by . V-2 ferms prosmer, in which GE or or German warpoes modified for pro-Now in the process of "teduscriers at effect." Present Henney has at her here. . Burgon, a two-stars bioli-abitude se-. Guestion Sandy, the Incocking of a . Homes A-L a sucket powered wessle . Operation Pusheres, the debberste exelegate of a bashed W.7 socket ander confidence absolution those of the . Cocation Blooms, open six mounts

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Camera Tracks Hermes Guided Missile on Skyward Journey



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AVIATION WEEK, March 8, 1954



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Prove by comparison tests how Parker O-rings seal better and last longer

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The Parker Appliance Company

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AVIATION WEEK, Hough S. 1954



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Prote & Whitney Aircraft's compact J-ST, pictored here, one succed the continued power of seven 1980-bonepower B-2500 photo southers. It recodes twice as many mediantics, tools to boild as does the IS-cytholor B-2500 type. ONE OF THE DIVISIONS OF UNITED ASSESSAFT COSPORATION

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AVAILABLE WEEK, Hund #, 1954

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AIR TRANSPORT

EAL-Colonial Veto Raises NAL's Hopes

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NAA Wants to Set Up New Austrian Airline

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Lee Defends Cutback entire of the world phone afford who

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This change, he adds, elevates the

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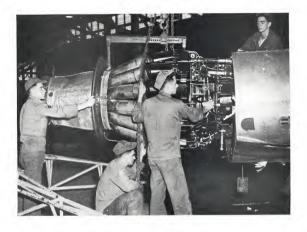
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combar-alert service in Korea without major overhaul. That flight time adds up to more than 600,000 miles under tough combat conditions. The record represents a splendid job on the part of the 6160th Maintenance Squadron at Itazuke AFB, Japan.

Shooting Star flew 1200 hours in combat and

Records like these are made by planes and engines—but it's the men behind the planes who make them possible. A hearty salute to the 3561st and 6160th Maintenance Squadrons for these splendid achievements.

